

ABSTRACT

An output packet organizer having a first location and a plurality of second locations. The first and second locations correspond to the priority of a packet where the first location has a higher priority than the second location.

- 5 The first location is coupled to a scheduler that serves the first location and the second location is coupled to the scheduler through a round robin pointer.

- 10 A method that involves serving packet identifiers from a first location where the first location has a first priority; and, serving packet identifiers from a first second location indicated by a round robin pointer where the second location has a second priority and the first priority is higher than said second priority. The round robin pointer is incremented and packet identifiers are served from the first location. Packet identifiers are also served from a second second location indicated by the round robin pointer.

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